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A spiral antenna (1) which can be supplied in different modes with different transmission characteristics is described. The spiral antenna (1) includes four approximately parallel, electrically conducting spiral arms (11, 12, 13, 14). The spiral arms (11, 12, 13, 14) are each connected to a coplanar conductor (2) at their inner spiral arm ends (5, 6, 7, 8) for supplying and/or receiving signals.

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